

CYPHERS COMPANY'S ADAPTABLE BROODING HOVER

SELF-REGULATING—SELF-VENTILATING—INSURABLE

TAKE a common goods box or packing case, one that is 3 x 3 feet by 24 inches high, or larger; remove the cover, nail two cleats opposite each other on the inside of the box at points where, when the box is turned upside down, the tops of these cleats will be seven inches above the ground, then use the cover boards of the box for the floor of this *home-made brooder case*.

Now turn the box over, bottom upward, and cut a 9 x 12 or 9 x 18-inch opening in one side or end, the lower edge of this opening to be four or five inches above the level of the floor, and then nail a strip of stout, closely woven muslin over the opening. Beside this curtained window cut a smaller opening, 4 x 6 inches in size, the lower edge to be two inches above the level of the floor, and by the use of leather hinges attach a wooden door that will entirely cover this opening with an inch lap on all sides.

Next cut a square opening, 6 x 7 inches, in the back of the brooder case, in the side or end opposite the window, and attach to case the fireproof heater section and all-metal lamp box of the *Cyphers Company Adaptable Hover*, cutting this opening at a point that will bring the connecting pipes of the heater section on a level with the pipes of the hover section when the legs of the latter stand on the floor of the brooder case.

Lastly, cover the top (formerly the bottom) of the goods box with roofing paper, or any other waterproof material, bringing this material down over the four sides of the brooder case, so it will keep out wind and rain. Then batten up any cracks or other useless openings that may let in drafts, cover the floor with an inch or so of sand or fresh loam, and you will have a 50 to 75-chick brooder that for a two-apartment "chick home" will be better, *as judged by the good work it will do*, than nine out of ten of the factory-made brooders now on sale in America or elsewhere.

This home-made brooder case can be changed to suit the wishes or convenience of the owner or operator. A piano or organ box can be used to excellent advantage, placing one of these large boxes on its side and dividing it with a partition through the middle from front to back, thus providing a hover chamber and an exercising apartment, each to have a window at the correct height above the floor. Instead of tacking the muslin over the window openings it is better to attach it to wooden frames, and either slide or button these frames in place or swing them on hinges. In northern latitudes, or for use early

in the season when the weather is quite cold, glass windows can be used. Window guards made of one-inch-mesh poultry netting tacked on frames can be used in the same manner as the muslin frames, and will serve to keep the chicks indoors when the curtain is removed and to admit fresh air as the nights grow warm later in the season.

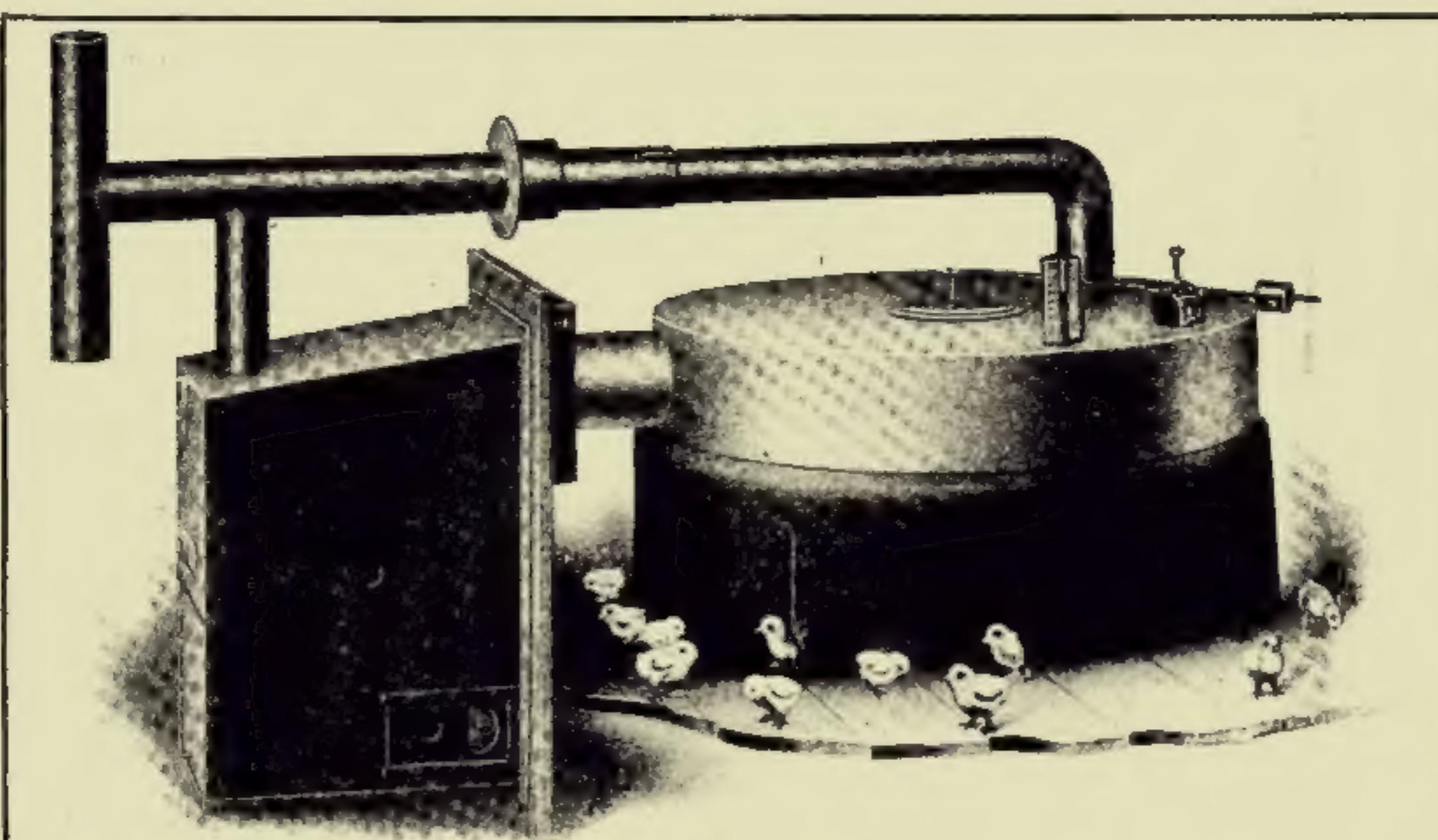
Another good idea is to locate the chick exit (the 4 x 6-inch opening) in the east end of the brooder case, treating the window-side of the case as the south side—in which direction the window should face—and then supply a covered chick-run or chick-shelter, see picture of Cyphers Company Chick Shelter on page four of this sheet. Such a runway and shelter

can be made easily by any person who is handy with tools. A few boards, some one-inch-mesh poultry netting, some nails and brads and a saw and hammer are all that is needed. Old boards and some stakes to drive in the ground will almost answer the purpose—except that some kind of a simple roof is required to turn away most of the rain.

Brooder cases of any size and shape can readily be made by a man or boy who can handle a saw and hammer. Thousands of Cyphers Company customers build their own brooder cases, then equip them with Cyphers Company Adaptable Hovers, and *this combination gives them high-class, efficient, self-regulating, self-ventilating, absolutely fireproof brooders at very low cost*. These cases should not be smaller in size (for best results) than 3 x 3 feet in floor measurement by 24 inches high at the back, but they can be made as much larger as the builder may desire, giving room for one apartment only—that containing the hover—or for two apartments, the brooding chamber and an exercising apartment.

A convenient size for the exercising apartment is 3 x 3 feet. Two goods boxes can be set side by side and a connection made, thus providing the two apartments in a simple and inexpensive manner; and to the goods box that does not contain the brooding hover a chick-run or chick-shelter can be joined—then the caretaker will have a place for fifty to seventy-five small chicks that will give them all the room they need, night and day, and still keep the chicks and safe from enemies of all kinds.

Please read the following sample reports—they are from men and women WHO KNOW—from successful poultry raisers who have put our claims to the test and have found the Cyphers Company Adaptable Hover to be exactly as represented.



ADAPTABLE BROODING HOVER

Cyphers Company's Complete Self-Regulating, Self-Ventilating, All-Metal, Fireproof and Insurable Brooding Hover. Used in Cyphers Outdoor and Indoor Brooders. All Sizes and Styles. Designed Specially for Use in Home-Made Brooders, also in Roosting Coops, Colony Houses, Etc.

USED IN HOME-MADE CASES READ WHAT OUR CUSTOMERS SAY ABOUT IT

"SET OURS UP IN A DRYGOODS BOX"

VULCAN, MICH., June 25, 1913.

Cyphers Incubator Company, Buffalo, N. Y.—Am glad to report that I am *perfectly satisfied* with your Self-Regulating Adaptable Hover. We set ours up in a drygoods box and, although the weather was *very bad* this past spring, we raised nearly all our chicks. I feel that we cannot say too much in favor of this hover. Only wish I had a half dozen of them, so I could raise a larger number of chicks. This hover, being practically automatic, *both as to regulation and insulation*, saves lots of worry by its use. There is *no danger of fire* or of the chicks *freezing to death*. The lamp *furnishes plenty of heat* and the regulator insures a *uniform temperature*. We are breeding Barred Plymouth Rocks and White Leghorns.

Sincerely, CHAS. ALBERT.

"MY CHICKS WERE WARM AND COMFORTABLE"

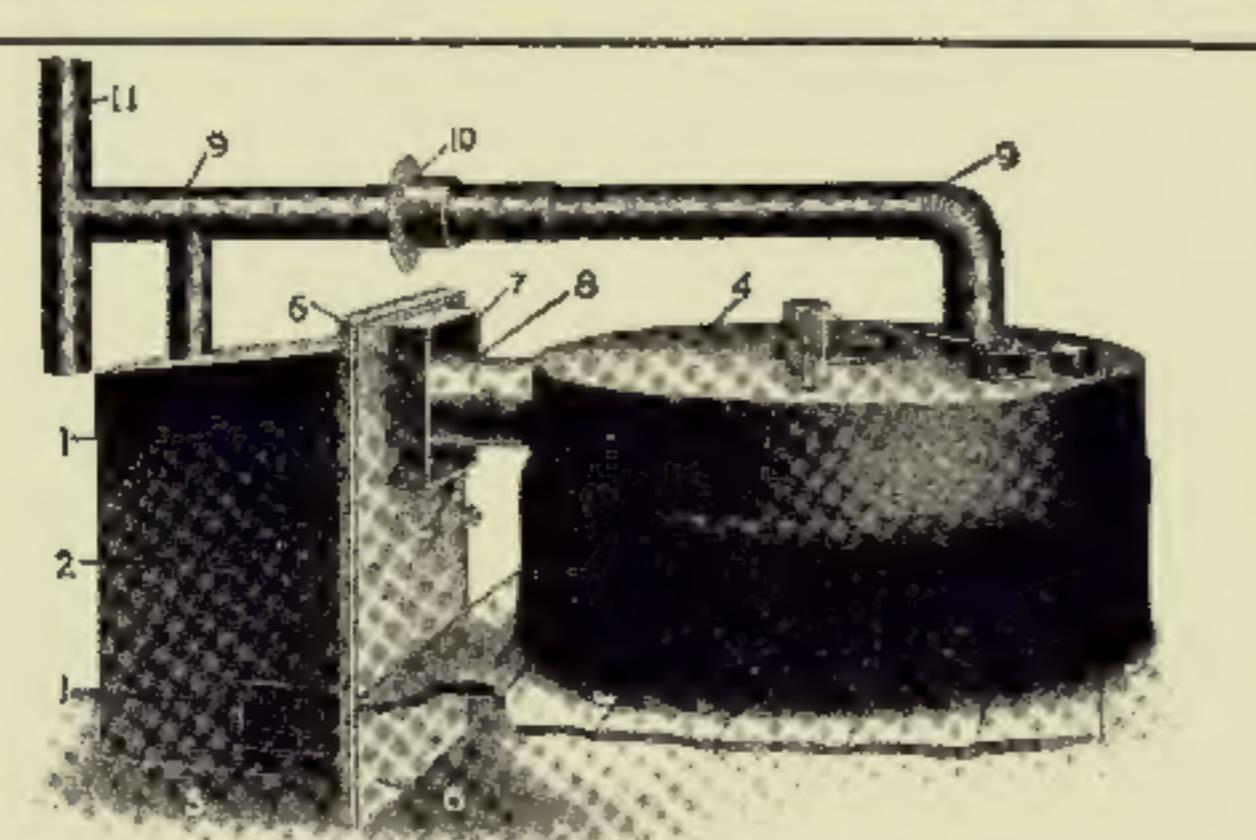
GREENVILLE, MO., July 1, 1913.

Cyphers Incubator Company, Buffalo, N. Y.—Last March I built four brooders *on the same plan* as your Style C Outdoor Brooders, only I made them 36 x 72 inches, inside measurement. These brooders, equipped with your Self-Regulating Adaptable Hovers, I put right out in the snow, and although the mercury went below zero my chicks were *warm and comfortable*. I raised 106 chicks out of 199 from my first hatch and they certainly were all right. Had fine success throughout the season. I have placed as many chicks as 75 under one hover, but I think 50 is better, all things considered. I removed hovers from the brooder cases *when the chicks were about ten weeks old*, then placed roosts in the brooders and reduced the number of chicks, leaving about 35 in each 3 x 6-foot brooder. W. A. PAYNE.

MR. GLOVER MADE HIS OWN BROODER CASES

GARRISON, N. Y., June 23, 1913.

Cyphers Incubator Company, Buffalo, N. Y.—Your Self-Regulating Adaptable Hovers, which we are using, are *simply perfect*. I purchased two of them of you last spring, *making my own brooder cases*, which are 7 feet long by 4 feet wide. This gives me two three-apartment brooders, and I can raise chicks this way to *better advantage than ever before*. On the third of May I placed in one of these brooders 69 chicks. They are *all alive now* and well out of danger. Can say truthfully that they are *better chicks* than others that were raised by hem at the same time. I expect next year to increase the number of my Cyphers Adaptable Hovers, on account of *my good success with them this season*. EDWARD A. GLOVER.



CYPHERS COMPANY'S ADAPTABLE HOVER
(Quartering View)

Fireproof—Insurable—Can Be Used Anywhere.

1—Heater Compartment. 2—Inlet to Fresh-Air Chamber. 3—Outer Pipe of Fresh-Air Flue. 4—Asbestos-Lined Metal Brooding Hover. 5—Air Inlet to Lamp Chamber. 6—Cell-Board Asbestos, Metal-Covered Backing that Separates Heater from Woodwork of Brooder Case. 7—Metal Flange that Separates Direct Heat Pipe from Woodwork of Brooder Case or Brooding House Partition. 8—Outer Pipe that Encloses Direct Heat Flue from Lamp to Radiator. 9—Waste Heat and Fume Pipe. 10—Insulating Collar at Point Where Waste Pipe Passes Through Brooder Case or Partition. 11—T-Wind-Break and Fume Exit.

"HOUSE MADE OF TWO PIANO BOXES"

205 West Elm Street,
TITUSVILLE, PA., July 20, 1913.

Cyphers Incubator Company, Buffalo, N. Y.—In reply to your letter of June 26th, asking me how I used my Adaptable Hover that *gave such good results*, will say I installed it in a house made of two piano boxes. We took the backs off of these boxes, then butted them together and covered the top with felt paper. The hover was attached at the rear end of the boxes. A door in front occupied one-third of the space, covered with wire netting. *On coldest nights* I hung up a piece of carpet over this wire netting. We did not have a chick *pile up or smother during the entire season*. We often had this happen with a different brooding device *that we used the year before*—in fact, we lost about twenty-five chicks from that reason alone last year. Your Self-Regulating Adaptable Hover is *all you claim for it and more, too*. I do not think a poultryman can do better than to use this brooding device. That has been my experience and I am recommending your Adaptable Hover to *friends and acquaintances*.

WM. F. QUINN.

MRS. BURBANK USED DRYGOODS BOXES

ALFRED, MAINE, August 27, 1913.

Cyphers Incubator Company, Buffalo, N. Y.—Last March I bought two of your Adaptable Brooding Hovers and used them in brooders *made out of drygoods boxes three feet square*. To this brooding apartment I attached another goods box that had no floor, so the chicks could get from one apartment to the other and *exercise on sand and gravel*. Had small windows in each goods box, thus giving the chicks plenty of light. My first chicks hatched out in March, and when they were about a day old I put them under the hovers. Had about 75 chicks in each hover and will say *they are the best hovers I ever saw*. At first I felt anxious about them during the night, as we had some *very cold, windy weather*, but after a few nights of watching I felt at ease about them, as I always found the chicks warm and they were bright and happy every morning. The thermometer on this hover registered *just what it should* on all occasions. Next spring I shall purchase more of these hovers, as *I would not use any other make*. MRS. L. T. BURBANK.

"GOODS BOXES AND HOME-MADE CASES"

WAYNE, NEB., June 28, 1913.

Cyphers Incubator Company, Buffalo, N. Y.—After using your Automatic Adaptable Hover, and thoroughly testing it, I find they are *just as represented* in your catalogue. Have installed them in goods boxes and home-made brooder cases—these cases being similar to your Style B Outdoor Colony Brooder. I place fifty chicks under each hover and they are left with the hover *until six weeks old*. I strongly advise the use of these Adaptable Hovers to fellow poultrymen. On account of their superior construction *they will last for years*. In my opinion this is the best device on the market for brooding chicks successfully outdoors.

LEROY OWEN.

"I AM A BOY ONLY THIRTEEN YEARS OLD"

WILLIAMSBURG, IND., July 7, 1913.

Cyphers Incubator Company, Buffalo, N. Y.—I have used your Adaptable Hover with good success, installed in a goods box, 3 x 4 1/2 feet, with *another box attached for a run or exercising room*. The heat regulator I consider perfect, also the ventilating system. I place about sixty chicks in this home-made brooder, equipped with your Self-Ventilating, Self-Regulating, Fireproof Adaptable Hover, and they are not removed until about seven weeks of age. Maybe you would like to know that I am a boy only thirteen years old, *attend school in the winter time*, and could not use a hover that was less dependable. It is real fun to raise chicks by artificial means by the use of the Cyphers Adaptable Hover—at least that has been my experience.

BYRON CRANOR.

"ABLE TO RAISE NEARLY ALL THE CHICKS"

KRAKOW, MO., June 29, 1913.

Cyphers Incubator Company, Buffalo, N. Y.—We bought two of your Self-Regulating, All-Metal Adaptable Hovers this past spring and put them in colony coops, 3 x 6 feet in size, *where they have done excellent work*. We have been able to raise nearly all the chicks entrusted to these hovers, doing so *with less trouble than with them*. From our first batch we put 55 chicks in one Adaptable and from our second hatch 65 chicks, and we *raised practically all of them*. We keep our chicks under the hovers until they are four weeks old or older and then put them in larger houses to make room for the next hatch. There are but few brooders used in this locality, and we certainly recommend the Cyphers to *anyone wanting a reliable brooding device*.

HENRY BAUMKER.

"KEEPING UP AND CONTROLLING THE HEAT"

GRASMERE, N. H., July 7, 1913.

Cyphers Incubator Company, Buffalo, N. Y.—I am using Cyphers Incubators and Brooders *with the best of success*. This season I hatched over 500 chicks, all of them in Cyphers machines, and brooded them in your Self-Regulating Adaptable Hovers, that are somewhat larger than the regular Cyphers Brooders, *but patterned after them*. I find no trouble in *keeping up and controlling the heat*. I run seventy chicks through a hover and keep them there until they are four weeks old. Have found no other way equal to this one for brooding chicks with the *minimum work and losses*.

HENRY A. BURNS.

HAD EXCELLENT RESULTS WITH HOME-MADE CASES

EAST HAMPTON, L. I., N. Y., March 11, 1913.

Cyphers Incubator Company, Buffalo, N. Y.—I want to tell you how nicely the Adaptable Hover works that I got of you a short time since. I installed it in a home-made brooder coop, 3 x 6 feet, putting a partition through the center, thus giving me two apartments, and *had excellent results with it*. I do not find it necessary to watch the chicks and put them back under the hover to keep them from getting chilled, because the *convenience and comfort of this hover* are such that they go under themselves without any help. A strong feature of this hover is the *constant supply of fresh air*. I believe this to be of great value in an automatic brooding hover. Shall arrange to use two more of these self-regulating hovers as soon as I can get ready to install them. All my chicks are fed on Cyphers Company Poultry Foods, and my neighbors are jealous that I should have *such a lot of strong, early chicks*. Am using your full line of foods, including Alfalfa, and believe that has much to do with my uniform success in raising the chicks.

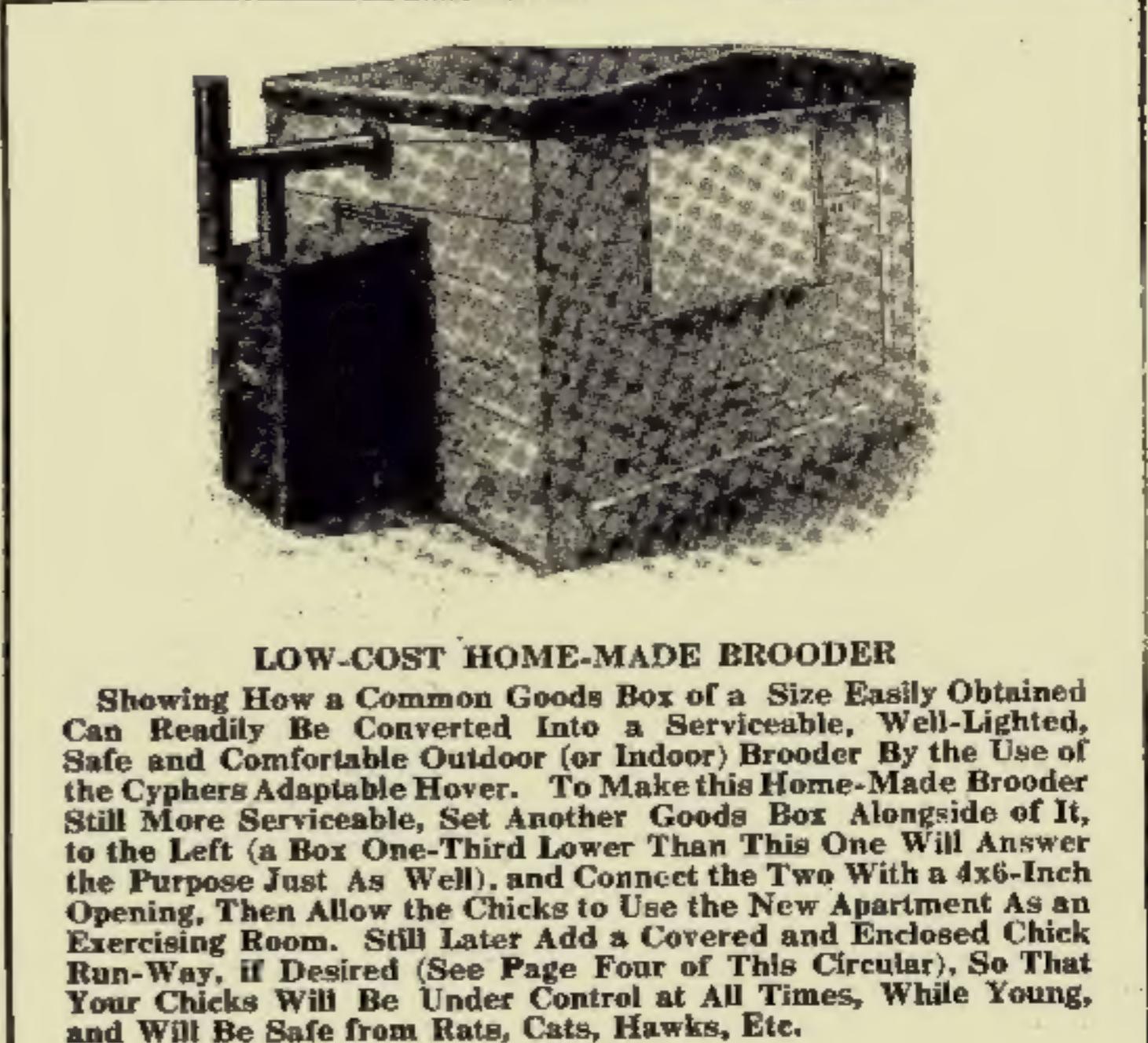
GEO. LISBURG.

"I MAKE MY OWN BROODER BOXES"

PENDLETON, ORE., July 1, 1913.

Cyphers Incubator Company, Buffalo, N. Y.—I want to say something also about your Adaptable Hovers. They *simply cannot be beat*. I am using several of them and make a practice of placing 100 chicks under each hover for the *first three weeks*. I make my own brooder boxes, and in this climate can put the chicks outdoors, starting with the first hatch and continuing to the end of the season. I use Cyphers Company goods from *toe-punch to incubators*, doing so because experience has taught me that there is no other line on the market *that is one-third as good*.

ALBERT P. PIERCE.



LOW-COST HOME-MADE BROODER

Showing How a Common Goods Box of a Size Easily Obtained Can Readily Be Converted into a Serviceable, Well-Lighted, Safe and Comfortable Outdoor (or Indoor) Brooder By the Use of the Cyphers Adaptable Hover. To Make this Home-Made Brooder Still More Serviceable, Set Another Goods Box Alongside of It, to the Left (a Box One-Third Lower Than This One Will Answer the Purpose Just As Well), and Connect the Two with a 4x6-Inch Opening. Then Allow the Chicks to Use the New Apartment As an Exercising Room. Still Later Add a Covered and Enclosed Chick Run-Way, if Desired (See Page Four of This Circular), So That Your Chicks Will Be Under Control at All Times, While Young, and Will Be Safe from Rats, Cats, Hawks, Etc.

ALL-METAL-FIRE-PROOF-INSURABLE

We should remember that the "brooder" we are talking about—that we are to properly *heat* and correctly *ventilate*, is to be a "home" for little chicks *just hatched*. These chicks are mere "babes," without covering to keep them warm. They are entirely dependent on the care you give them; *their lives* depend on the quarters *in which you place them*. To raise chickens with success and profit—doing so without the aid of hens—requires the use of a well lighted, *uniformly heated and well ventilated* apartment or enclosure, where the chicks can be comfortable and safe, *day and night*—a place to which they can go to get warm—where they will have *pure, fresh air*—where they can not chill and will not crowd or trample one another.

The heater and hover of a properly constructed and *reliable* brooder are its "heart and lungs." **To make sure** of having these vital parts *act as they should*—that is about all there is to successful brooding by artificial means; **provided** the enclosure or brooder case is *roomy enough*, is well lighted and is safe at night against the four-footed enemies of little chicks.

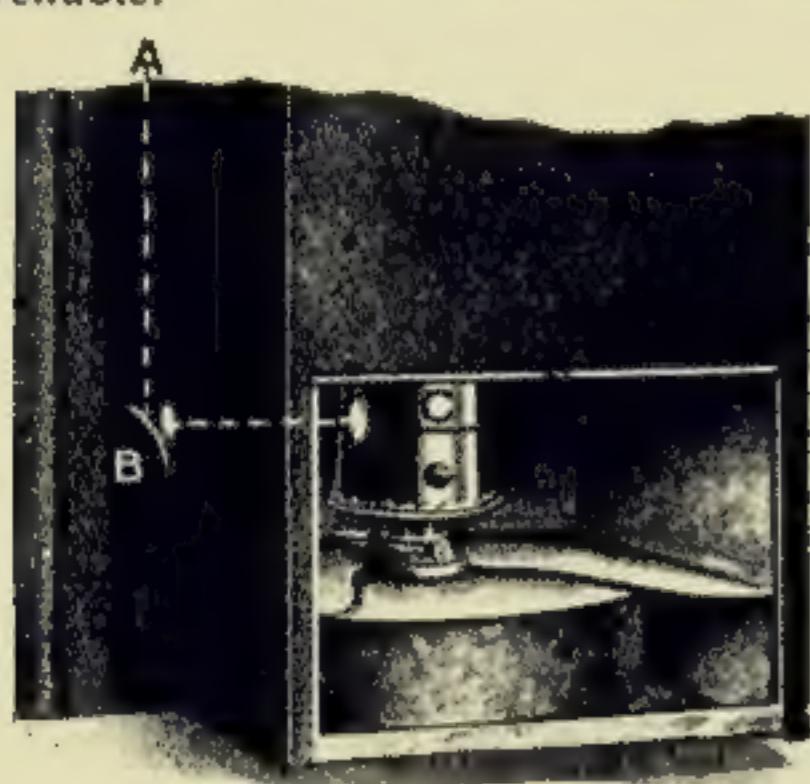
But, for best results, the heater, in fact the entire brooding device, must be substantially built and should be *safe from fire*. Every season many thousands of valuable chicks are burned up in cheap, flimsy, wrongly constructed *fire-trap brooders* that are sold at "give-away" prices—prices so low that any thinking person should know beforehand that he will get no more than he pays for.

These dangerous devices are little else than cracker boxes with an inverted tin can for a "heat dome," and this dome is warmed by a soldered bowl, or glass lamp, equipped with the cheapest of burners, practically a "five-and-ten-cent-store" affair, that is located *inside or underneath* the inflammable wooden box—and the unscrupulous manufacturers further degrade themselves by claiming that these "fake" brooders will hold—*will properly care for*—200, 300 and even 400 chicks in single flocks. You may think that we exaggerate, **but we do not**. Many readers of these lines who have been "bitten" by the purchase of these "bargain-counter" brooders **know** that we are telling the plain truth—they have **found out**, to their loss and sorrow.

"THIS COUNTRY AND THIS TIME OF YEAR"

ROSCOMMON, MICH., April 9, 1913.

Cyphers Incubator Company, Buffalo, N. Y.—
For the past four weeks I have had 482 chickens under your Adaptable Hovers, **located in outdoor brooders**. These chicks have been fed according to your system and I have *lost only five*, including one cripple. That is "going some" for this country and *at this time of the year*. Enclosed find check for which please ship me one No. 2 Standard Cyphers Incubator, four of your *All-Metal*, Self-Regulating Hovers and one Practical Egg Tester. I will say right here that the No. 1 Standard Cyphers I received earlier in the season *needs no watching*—it would be simply a waste of time to bother looking at it, because it always registers 103 degrees, and your Self-Regulating Adaptable Hovers are *equally reliable*. WM. P. O'BRIEN.



HOVER LAMP CHAMBER

Shows Lamp Chamber of Heater Compartment With Sliding Gravity Door Pushed Upward Between Double Metal Walls, and Illustrates Convenient Use of Mirror Attachment in Viewing and Adjusting Lamp Flame in Fire-proof Heater Compartment. Without Opening Door to Lamp Chamber. Standing Erect and Looking Downward From Point (a) to Mirror (b) the Flame Can Easily be Seen Reflected on Mirror from Opening (c) in Chimney. GUIDO GALLI.

"PURCHASED 150 DAY-OLD CHICKS LAST MARCH"

135 Prospect Ave., REVERE, MASS., July 17, 1913.

Cyphers Incubator Company, Buffalo, N. Y.

My experience with the Cyphers Adaptable Hover has proved very satisfactory. I purchased 150 day-old chicks last March, put them in this hover and they thrived and grew rapidly, *right from the start*. I am glad to recommend the Cyphers Adaptable Hover to all my friends who want a first-class, *all-metal, fireproof, self-regulating* brooding device that will do the work claimed for it.

GUIDO GALLI.

"THE FIRE-PROOF, INSURABLE FEATURE"

BIRMINGHAM, ALA., August 19, 1913.

Cyphers Incubator Company, Buffalo, N. Y.—

It is with pleasure that we testify to the excellent results obtained by the use of your All-Metal, Insurable Adaptable Hovers. Our new brooder house is equipped with eight of these hovers and we have had a smaller percentage of loss since using them *than by any other method of brooding*. We like the fireproof, insurable feature of these hovers, because far too many poultrymen have lost their buildings or brooders and chicks by the use of fire-trap devices that got into trouble and then made serious trouble for the owners. The great majority of our prize winners, as well as *the chicks from our best hens* this season have been hatched in your incubators and raised under these Adaptable Hovers.

SUNNY BROOK FARM, W. F. Fry, Manager.

"I DID NOT LOSE ONE CHICK"

EASTON, PA., September 9, 1913.

Cyphers Incubator Company, Buffalo, N. Y.—

I am especially pleased with my Adaptable Hovers. Three years ago a neighbor of mine bought one of these hovers and put it in a *home-made brooder*. His success with it was so great that I made up my mind to get one, and I did. I made a nice double-walled brooder and installed one of your Self-Regulating, Fireproof Hovers in it, *and the results were so good* that I bought another that same season. From four hatches of chicks, about 130 in all, *I did not lose one chick*, which I can prove by my neighbors. I am more than pleased with this hover and think that losses of chicks will be a thing of the past where your Adaptable Hovers are used. With proper care *this hover is certainly a wonder*. I raise S. C. White Leghorns and Silver Laced Wyandottes. JOS. M. BUELEN.

"FOR FEBRUARY, MARCH AND APRIL CHICKS"

R. R. 2, CUBA, MO., July 2, 1913.

Cyphers Incubator Company, Buffalo, N. Y.—

I cannot speak too well of your *all-metal brood mothers*, known as the Cyphers Adaptable Hovers. Certainly they cannot be beat. I have tried other makes, but the Cyphers Adaptable Hover is *in a class by itself*. I placed 104 chicks under an Adaptable Hover and left them there a week, until I got another hover ready, *and my loss was only two chickens*. I keep the little chicks in the brooder six weeks, running 45 to 55 to each hover. I had two hatches come off in February, one in March and two in April, but thanks to your Adaptable Hovers my losses were few, while *the chicks did fine early and late and grew rapidly*. Am planning to use at least three dozen of these hovers next season and hope to raise about 2,500 chickens. Shall use nothing but Cyphers Incubators and Hovers, *because experience has proved to me the good work they will do*.

TONY W. SMITH.

R. R. 2, CUBA, MO., July 2, 1913.

Cyphers Incubator Company, Buffalo, N. Y.—

I cannot speak too well of your *all-metal brood mothers*, known as the Cyphers Adaptable Hovers. Certainly they cannot be beat. I have tried other makes, but the Cyphers Adaptable Hover is *in a class by itself*. I placed 104 chicks under an Adaptable Hover and left them there a week, until I got another hover ready, *and my loss was only two chickens*. I keep the little chicks in the brooder six weeks, running 45 to 55 to each hover. I had two hatches come off in February, one in March and two in April, but thanks to your Adaptable Hovers my losses were few, while *the chicks did fine early and late and grew rapidly*. Am planning to use at least three dozen of these hovers next season and hope to raise about 2,500 chickens. Shall use nothing but Cyphers Incubators and Hovers, *because experience has proved to me the good work they will do*.

TONY W. SMITH.

"IT WILL PAY ME BEST IN THE END"

CHARLOTTE, N. C., July 3, 1913.

Cyphers Incubator Company, Buffalo, N. Y.—

I used my first Cyphers Incubator this season, a 244-egg machine, getting 187 chicks the first hatch and 201 chicks the second hatch. This was *12 to 15 per cent better hatches* than I could get from other well-advertised machines, running side by side with the Cyphers. In 1912 I used several of your Adaptable Hovers with *such good success* that I added several more the past season. For 1914 I shall add the following Cyphers equipment: Five 244-egg Incubators or four 390-egg machines and about *thirty-five to forty of your Self-Regulating Adaptable Hovers*. Am going to put in these incubators and hovers *because I know it will pay me best in the end to do so*. I am located on a farm of 54 acres—nice, high, rolling land—and *my fowls are doing fine*. I believe this year's pullets will come into laying by October 1st, at least two weeks earlier than usual. Am recommending your incubators and brooders to *all my neighbors and friends* who are interested in better poultry and more of it. I want to see them do well and in order to succeed *they must have the right kind of equipment*.

PIEDMONT POULTRY FARM,

O. T. Hallman, Proprietor.

Every outdoor and indoor brooder that bears the name "Cyphers" is equipped with this *Adaptable Brooding Hover*, as illustrated and described herewith. This means that these brooders are fireproof and insurable. **And the same is true** of home-made brooders, roosting coops, colony houses, etc., that are equipped with the Cyphers Company's Adaptable Hover, *because, as before stated*, each and every Cyphers Company Hover bears the Fire Underwriters' "inspected brooder" label *as a separate device*. In other words, the metal label of the Fire Underwriters is attached to the hover just above the door of the lamp box. This fireproof feature, therefore, is not a question of the kind of a brooder case in which this "approved and labeled" hover is used or of when or how the hover is used—*the hover itself is fireproof*.

This safety-from-fire feature of the *Cyphers All-Metal Adaptable Hover* is a matter of truly *great importance* to poultrymen and women who propose to *entrust their chicks to the care of a brooder*, either factory-made or home-made, and who wish to use this brooder in *or near valuable buildings* or other inflammable property. Far too many poultrymen have lost their brooders and chicks—also hen houses and other buildings—*by fires*, which have resulted from the use of flimsy built, wrongly constructed, "bargain-prize" brooders that were *made to sell*, and that proved to be *totally unsafe* in practical use.

UNDERWRITERS LABORATORIES, INC.

INSPECTED BROODER

N° 1

FAC-SIMILE OF FIRE UNDERWRITERS' OFFICIAL LABEL FOR INSURABLE BROODING DEVICES

Form of Brass Label to Be Found (In Serial Numbers) On Every Cyphers Company Adaptable Hover. Each Hover is Built In Strict Conformity to the "Rules and Regulations" of the National Board of Fire Underwriters and is Separately Inspected and Labeled in Our Factory, Under the Direction of Said Board. Safe to Use Anywhere. Home-Made Brooders Equipped With This Approved and Labeled Hover are Fireproof and Insurable.

ASKS, "WHAT DO YOU THINK OF THIS?"

LAS VEGAS, NEV., May 15, 1913.

Cyphers Incubator Company, Buffalo, N. Y.—

You may be interested in *learning of my success* this year with the No. 1 Cyphers Incubator and the Cyphers All-Metal, Fireproof Adaptable Hover. My first hatch with the incubator was 92 per cent. of the fertile eggs. From this hatch I placed 116 chicks in an Adaptable Hover and fed them by the Cyphers Company "deep-litter method" from the day they were taken from the incubator, supplying nothing but Chick Food at any time. Today they are six weeks old and *there have been no deaths*. The second hatch gave me 89 per cent. of chicks from all fertile eggs. These chicks (120) were raised in the same way as the first lot and today are three weeks old and *there has been only one death in this lot*. What do you think of this? I raised all my own breeding stock, Buff and White Plymouth Rocks, and the fowls are in good condition, but I give great credit to your Adaptable Hovers for *raising them with such fine success*, also to the Cyphers Incubator for hatching the right kind of chicks.

W. S. PARK.

"WAS ABOUT AS SEVERE A TEST?"

HARRISON, N. J., July 6, 1913.

Cyphers Incubator Company, Buffalo, N. Y.—

It gives me pleasure to let you know what the Cyphers Company, Fireproof, Insurable Adaptable Hovers have done in these yards. The past season I purchased two of these hovers, *which were placed in home-made brooders*, and they mothered 216 S. C. White Minorca chicks with very small losses from any cause. Having other makes of brooders, I put these two hovers to the *severest practical test possible*, considering the temperature, which usually averages zero in this locality early in the season. These two brooder cases were single-walled, without any insulation whatever and I can truthfully say that I *experienced no trouble in getting the required temperature*—100 degrees—without any chicks in them. Being satisfied with this test, I put forty chicks under one of the hovers *during very cold weather* and raised these chicks to the age of ten weeks—all but two of them. These chicks are of a breed said to be hard to raise, though I believe this is an injustice to a noble breed. However, this was *about as severe a test* as could be given to your Adaptable Hover for cold weather use, and the hover came through with flying colors.

WHITE FEATHER POULTRY YARDS,

Peter Bolzau, Prop.

HOVER IS TRULY "ADAPTABLE"

THIS brooding device is called "adaptable" because of the many practical ways in which it can be used by poultry raisers. On the first page of this circular we have described in detail how it can be used with excellent results *at low cost* in a home-made brooder case, consisting of a goods box or a piano or organ box.

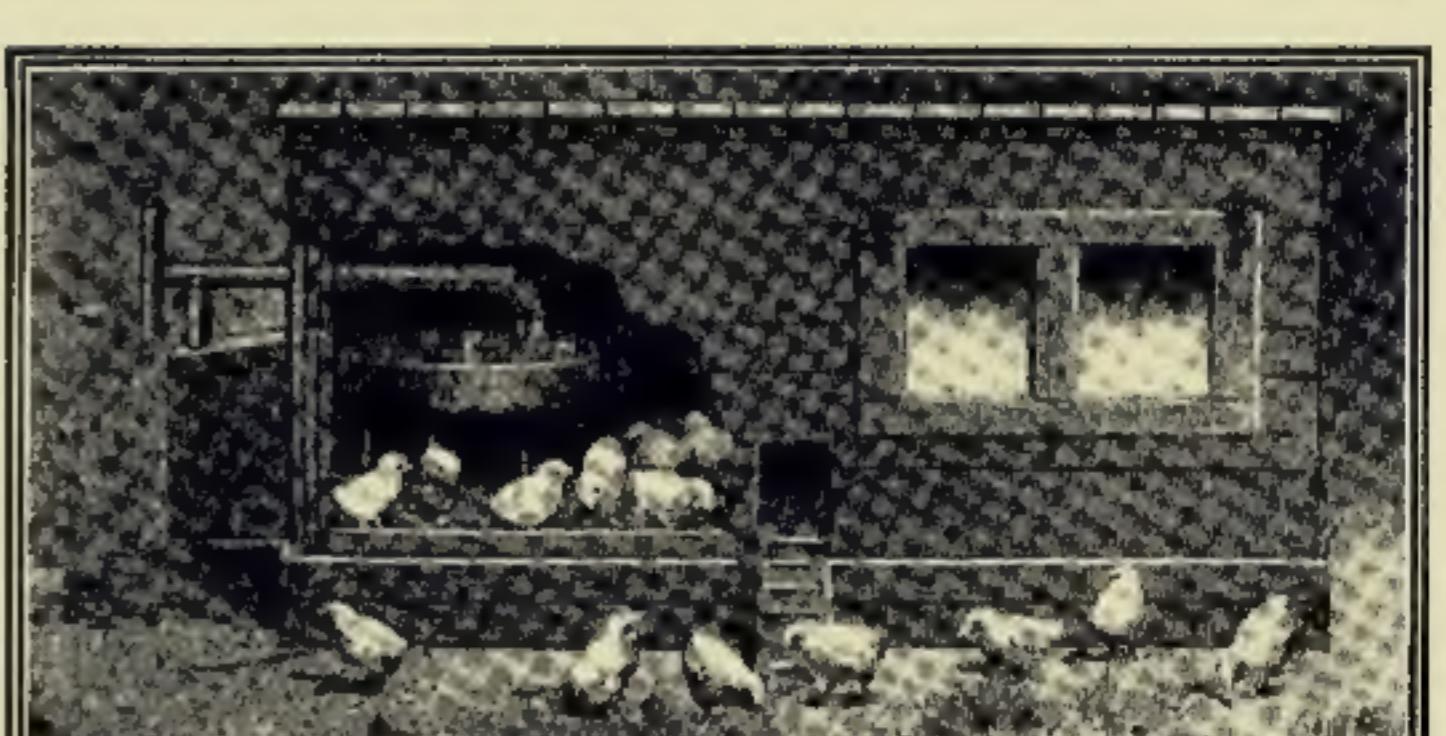
As before stated, this self-regulating, self-ventilating, all-metal fireproof and insurable brooding hover is used in the full line of Cyphers Indoor and Outdoor Brooders—see pages 51-69 of our "Poultry Growers' Guide for 1914." It is also used with success in one of the long brooding houses on the Cyphers Company's 50-acre poultry farm, Buffalo, N. Y. (see illustration on page 4 of this sheet), and it can be used with good results in *other makes of brooders*; provided the cases are not less than 3 x 3 feet in floor space and 24 inches high.

One of the best uses to make of this brooding hover is to attach it to a Colony Roosting Coop, such as the Cyphers Roosting Coop—see next page—or to a portable poultry house of any kind—also see next page. The hover section can be *disconnected* from the heater section in a *few seconds of time*. Its removal from the interior of the coop or house leaves the wall intact, and also leaves a clear floor space for the growing chicks that now are ready to occupy roost poles. By this plan the chicks are left in the same quarters after they no longer need artificial heat. They are used to these quarters *and will do better* if they are not moved or disturbed.

The Cyphers Company Adaptable Hover can be used successfully in connection with any ordinary hen house, closed shed or other outbuilding where space can be partitioned or wired off for the chicks. Many of these hovers are in use in vacant rooms of dwellings, also in stables, barns, etc. See pictures on other side of this circular that suggest the variety of uses to which this readily portable, easily handled fireproof hover may be

"adapted," with profitable results.

Cyphers Company Adaptable Hovers are machinery made throughout. Special stamping machines and costly dies are used in their manufacture. The weight and quality of metal and all details of construction are governed by the Fire Underwriters, on penalty of a refusal by them to issue to us the *official labels*. Each hover is separately inspected in our factory by a representative of the Fire Underwriters, and is *approved and labeled* under the direction of the National Board of Fire Underwriters, before it is *boxed for shipment*. There can be no variation therefore, in the construction of these devices, nor in the quality of the materials—they are always the same, *always strictly first-class*.



TYPE OF HOME-MADE BROODER CASE

This Picture Shows a Practical Construction with Certain Exceptions. Floor of Case is Up Off of the Wet Ground, Away From Rain and Water Pools in Heavy Spring Storms. Window in Exercising Apartment is High Enough to Prevent Chicks Crowding Against the Glass Before Being Let Out of Brooder in Morning or on Cold, Windy Days When It Is Advisable to Keep Them Shut Up in the Brooder. Window to Exercising Room Is Large Enough, Letting in Plenty of Light. Construction Would be Much Improved if a Window of This Same Size (or at Least One Pane of Glass) Were Located in the Hover Apartment. Should Be On Hinges So It Can Be Opened to Attend the Chicks and Adjust Regulator. Such a Window Is Needed Through Which to View the Thermometer and See That the Chicks Are Comfortable. Cover of Outdoor Brooder Case SHOULD NOT Be Used as a Lid or Door Through Which to Clean Brooder and Attend to Chicks. Such an Opening Allows Valuable Heat to Escape and Wind and Weather to Enter the Brooder. We Advise Builders of Home-Made Brooder Cases to Pattern Closely After the Type Shown Below.

AFRAID OF "THE CHEAP AND DANGEROUS KIND?"

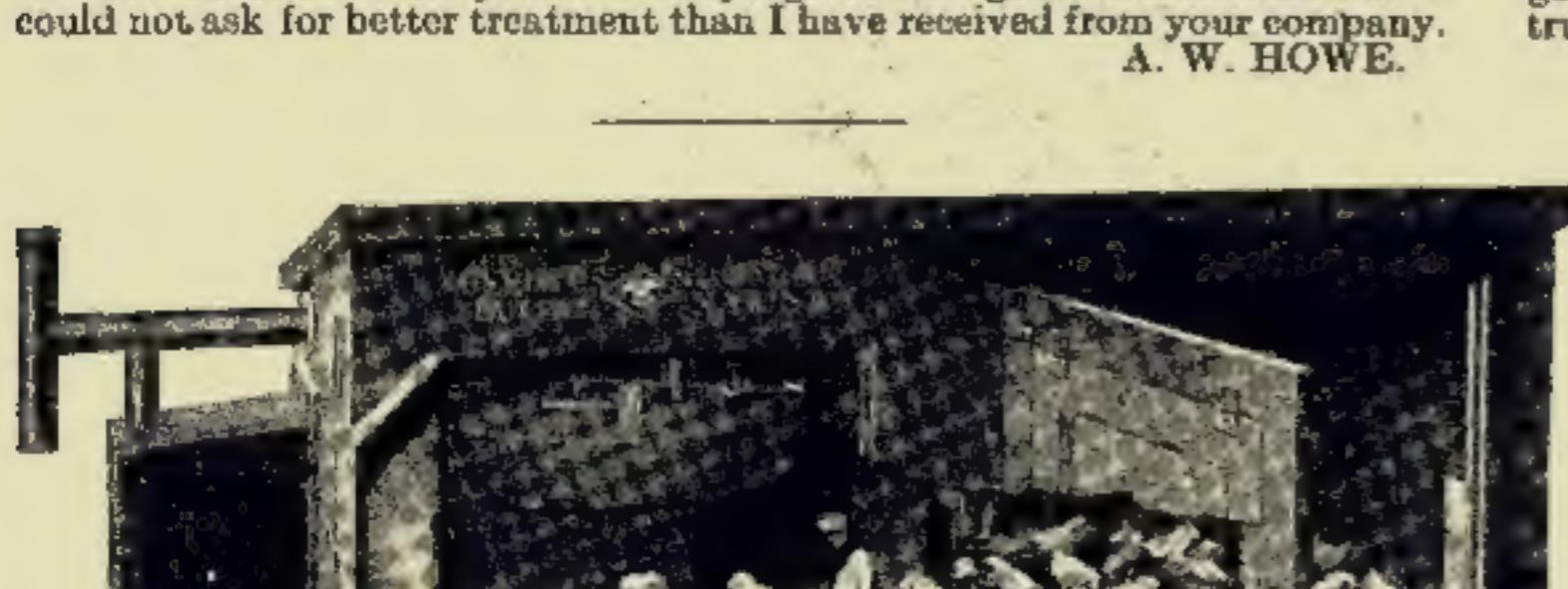
CHICAGO, ILL., August 4, 1913.

Cyphers Incubator Company, Buffalo, N. Y.—

We are now using your Incubators, Adaptable Hovers, etc.—and are glad of it. We started last year with *a cheaper equipment*, both in incubators and brooders, trying several different makes—all of which have been sold *or are now for sale*. We had splendid success with your equipment right from the start and this winter shall fit out our plant with Cyphers goods all the way through. We make our own brooder cases in which to install your Adaptable Hovers, *patterned our cases after your Style B Brooders*. We put about 75 chicks in each hover and leave them there six weeks, when they are put in colony houses. We would not again use a type of brooding hover that is not fireproof. *No more of the cheap and dangerous kind for us*. They are death to the chicks and liable to burn up everything in sight. We are pleased to give our experience, so that other poultrymen will not repeat our mistakes.

E. M. CASKKEY,

7646 Bond Ave.



MOST POPULAR TYPE OF OUTDOOR BROODER

This Illustration Shows the Style B Three-Apartment Cyphers Outdoor Brooder With a Part of the Front Cut Away, Thus Disclosing the Interior Arrangement—Ventilating the Adaptable Hover, the Partition Between the Hover Chamber and the Exercising Apartment; Also the Double Doors, the Chick Exit, Etc. This is a Safe and Comfortable "Home" for Baby Chicks and Ducklings in Any Kind

"WHEN, WHERE AND HOW TO USE" CYPHERS ADAPTABLE HOVERS

TO BEST ADVANTAGE. THE ONLY FIREPROOF, LABELED AND INSURABLE BROODING HOVER ON THE WORLD'S MARKETS.

THE RECENT SAMPLE REPORTS

from customers, published in this circular, tell when, where and how this "adaptable" type of brooding hover is being used with excellent results; but our free booklet, "Best Methods of Brooding," should be read by *all persons* who earnestly desire to be *uniformly successful* in raising their chicks by artificial means. This booklet, mailed free for the asking to any address, contains 52 pages $7\frac{1}{2} \times 10$ inches in size, is fully illustrated and goes into the whole question *in every detail*, explaining the correct principles of brooding, and instructing the reader "what to do and how to do it," from the moment the brooding device is located in a safe place and "lighted up," until the chicks are ready to be placed out on range or sent to market.

As a general proposition, newly-hatched and tender chicks **should not** be allowed to run out of doors until the ground is in a fit condition to receive and benefit them—until *after* snow and ice are gone, and fresh vegetation begins to "show the green" at least in sheltered locations where the sun reaches and the cold spring winds do not sweep along. *Earlier than this*, your factory-built or home-made brooder box or case, warmly heated and automatically ventilated by a Cyphers Adaptable Hover, can be *kept indoors*, awaiting the day when it will be safe and beneficial to move the entire device outdoors to a dry and sheltered spot. In other words, such a home for the chicks is both an *indoor* and *outdoor* brooder, movable from one place to the other at any time and with no danger from fire *indoors* and no danger from a blowing out of the lamp *outdoors*. There absolutely is no other brooding device in existence that can be used with *equal safety* and satisfaction in this manner.

Another general proposition is this: As between using a Portable Hover and an Adaptable Hover, the "adaptable" type should be used in all small-sized enclosures—with goods boxes, piano cases, small roosting coops, home-made brooders, etc., that are *too small* for the operator or caretaker to *step inside* to attend to the chicks and look after the hover itself. In all such enclosures the Cyphers Adaptable Hover is far safer than any other brooding device on the market; *first*, because the lamp flame positively will not blow out or "suck" out, if given proper care; *second*, because all the lamp fumes are discharged *outside* the small enclosure; *third*, because a constant supply of *fresh outdoor air* is constantly being drawn into these small boxes or cases, is warmed moderately and then is carried under the hover dome for the chicks to breathe *day and night*.

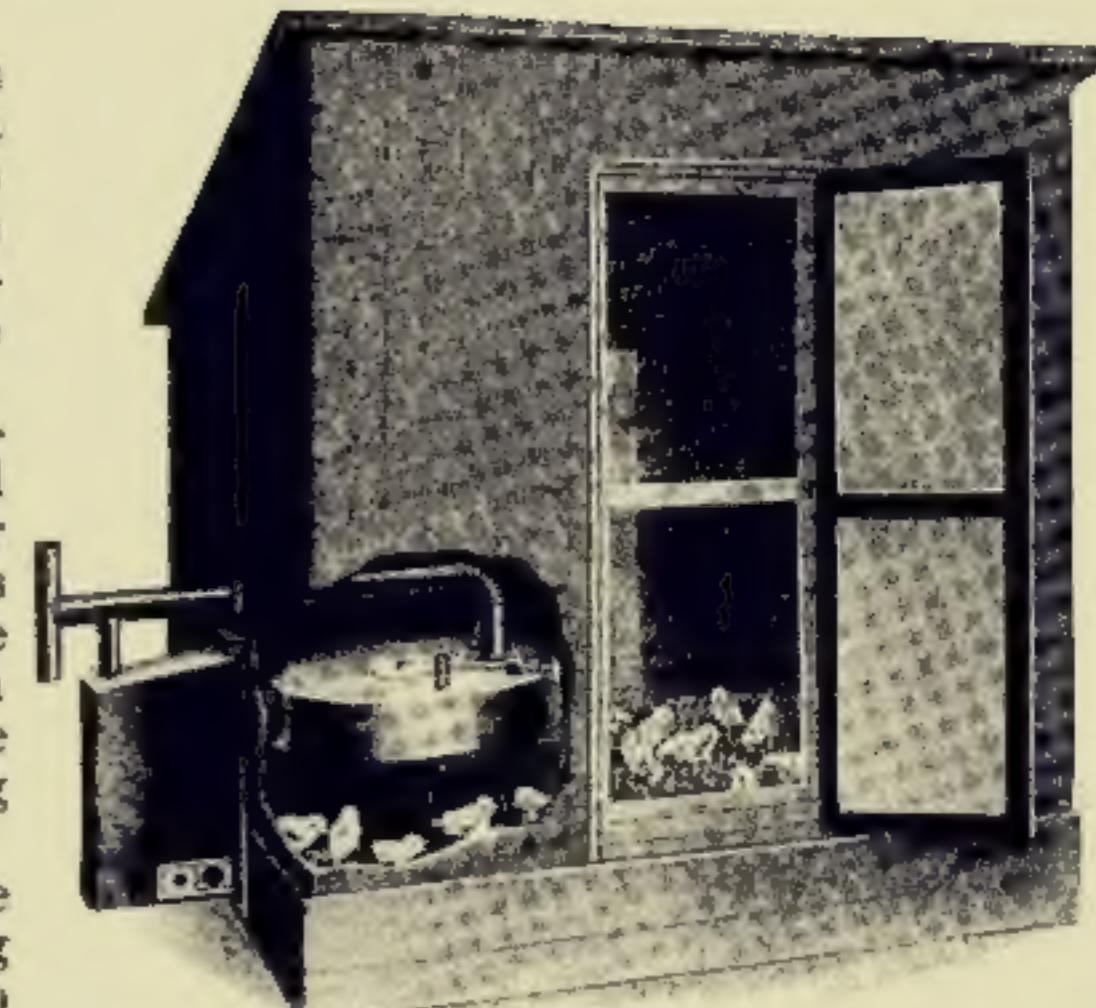
In our free booklet, "Best Methods of Brooding," we illustrate the *most practical styles* of outdoor brooder cases known to poultrymen, and suggest to our hover customers *the choice* of building their own cases, or of having this done locally by some carpenter or "handy man." In many instances these customers can do the work themselves. There are two *main points* for them to consider: First, build the case right in shape and size, with enough room to give the chicks proper exercising space and enough fresh air to keep them healthy; second, *be sure* to equip these brooder cases with a *self-regulating, self-venting, fireproof hover*—the kind that you can rely on to do the work day and night, no matter what the sudden changes of weather may be.

Such a "brooding hover" is the Cyphers Adaptable. This hover has now been on the market five years in its present *perfected form*, and in all that time we have never had one "go wrong" or been asked to take one back and refund the purchase price. The recent reports from customers, published herewith—all dated and signed—are merely "samples," we have received many hundreds of such reports from all parts of the United States and Canada and from various old-world countries. It is the same story everywhere of satisfactory results.

For Indoor Use: Cyphers Adaptable Hovers are also widely popular for use in batteries of six, twelve, twenty-four and upwards in long brooding

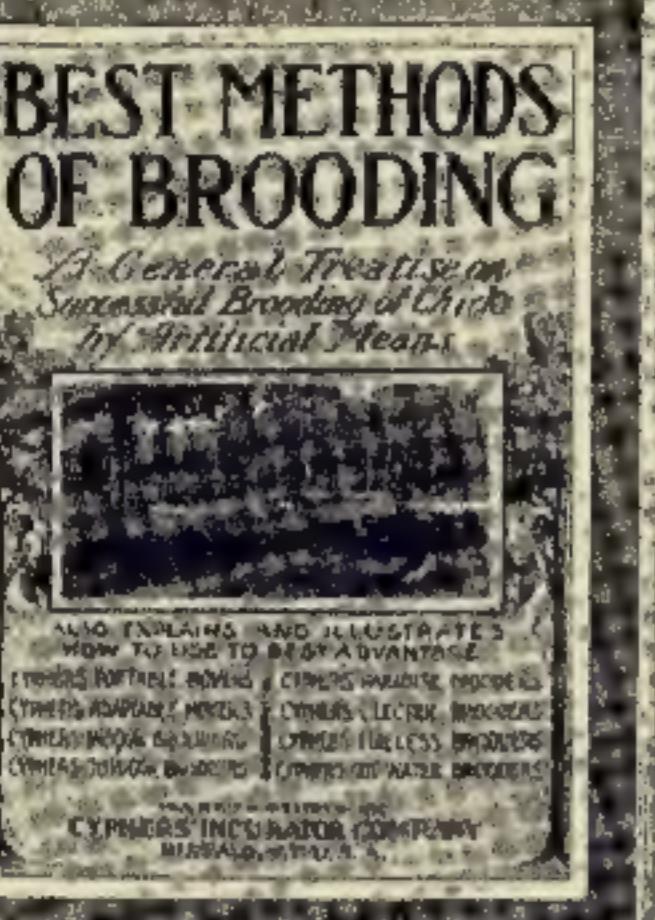
houses with rear aisles or passage-ways, as illustrated on this page. Also on this page (and throughout our other free printed matter) will be found reports from customers who are using these hovers *in that manner* with highly satisfactory results. In several important respects this is a *better plan* than the use of the hot-water pipe system. When these separate, complete, "individual" brooding devices are installed in a long house, one, two or a dozen of the hovers can be started *at a time*, just as needed, and the others are not lighted up until chicks are at hand to put under them.

In the case of a hot-water pipe system, the boiler or heater has to be started up and kept going, even though you have only fifty or one hundred chicks ready for brooding. This and all similar questions are treated *at length* in the free, 52-page booklet, "Best Methods of Brooding." If you, Reader, have not received a copy of this valuable booklet, please send for one today, addressing our place of business nearest you.



USED IN SMALL-SIZED OR "PORTABLE" POULTRY HOUSE

Size of House Should Be 5×5 , 5×6 or 6×6 ft. Height in Front, 7 Feet (For Head Room), and Either 5 or 4 Feet at Rear—5 Preferred. Use Two Frames to Door—One Covered with Muslin, the Other with 1-Inch or 2-Inch-Mesh Poultry Netting. No Glass Advised. House Like This, Equipped with Cyphers Adaptable Hover, Makes Ideal Place in Which to Raise Chicks by Deep-Litter Method. Circular Hover and Waste-Heat and Fume Pipe Can Be Removed on Moment's Notice, Leaving Wall Intact. Chicks Can Be Left in This House Until Marketed, or Until It Is Time to Separate the Sexes.



GET YOUR COPY!

If You Haven't Already Done So, Write Today for Your FREE COPY of This 52-Page Booklet. Will be Sent Postpaid to Any Address, on Request. A Better or More Complete Treatise on This Important Subject Has Never Been Published at Any Price. Yet It Is Free in Your Hands, Simply for the Asking.

reports from customers who are using these hovers *in that manner* with highly satisfactory results. In several important respects this is a *better plan* than the use of the hot-water pipe system. When these separate, complete, "individual" brooding devices are installed in a long house, one, two or a dozen of the hovers can be started *at a time*, just as needed, and the others are not lighted up until chicks are at hand to put under them.

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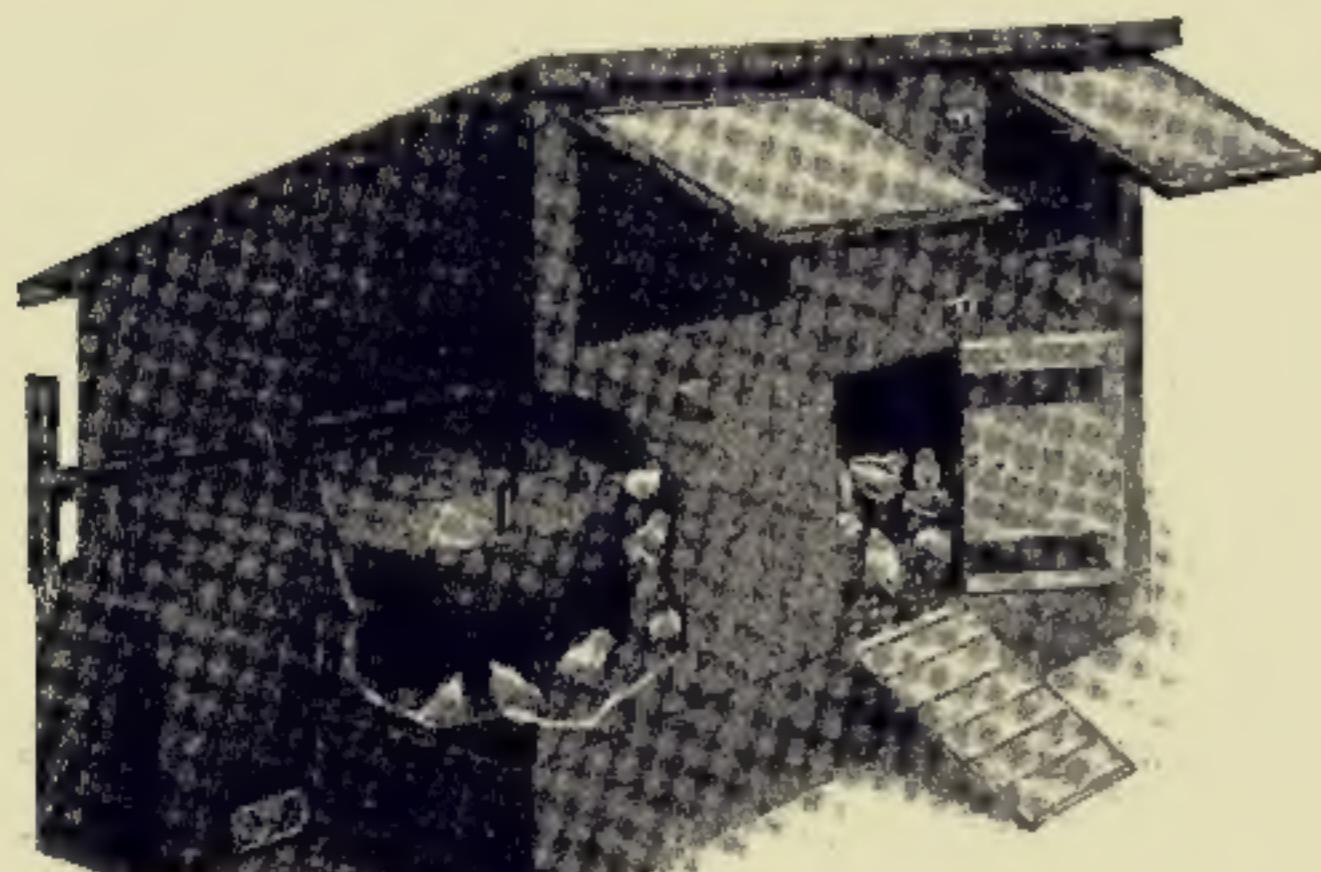
A USER OF CYPHERS PRODUCTS FOR OVER TEN YEARS

R. F. D. 3, NASHUA, N. H., August 9, 1913.

Cyphers Incubator Company, Buffalo, N. Y.

It is with pleasure that I write to tell you what I think of your Cyphers Incubators and Brooders, *equipped with the Self-Regulating Adaptable Hover*. At present I have only one incubator and it is an old one at that, but I would not trade it for any other machine I know of, unless it was a brand new Cyphers. This year I ran it twice and *each time got better than an 80 per cent. hatch*. Out of my first hatch two chicks died and the rest went into Cyphers Brooders and *I raised every one to maturity*. My Cyphers-hatched chicks are better than hen-hatched chicks—and they live better. No more hen-hatched chicks for me! This fall I shall get a 244-egg incubator from you. I had great success with my Cyphers Brooders because they are so well lighted and are self-ventilated. Another important point is that they give the chicks plenty of sunlight. I have been a user of Cyphers Company products for over ten years and *always have been used well by you*. I wish to thank you for the free bulletins you sent me, also your personal-letter service department, which has been so prompt to answer inquiries. I think you are doing a noble work.

MRS. J. VIGNOLA.



USED IN COLONY ROOSTING COOP

Size of Coop, 3 x 6 Feet. Height in Front, 36 Inches; at Rear, 24 Inches. Window Screens Are Covered with Muslin to Keep Out Rain—No Glass Required or Advised. Full-Height Door in Middle Front Is Cut in Two, So That Lower and Upper Halves Can Be Used Separately If Desired. Makes a Capital Place in Which to Raise Chicks by Deep-Litter Plan, Separating the Sexes at Ten to Fourteen Weeks of Age and Leaving Pullets in Roosting Coop Until Necessary to Move Them into Winter Quarters.

"THIS IS NO FAIRY STORY, BUT STRAIGHT FACTS"

GRAFTON, N. Y., March 6, 1913.

Cyphers Incubator Company, Buffalo, N. Y.

Last season I tried one of your Adaptable Hovers. I put 78 chicks in a brooder equipped with this hover May 6th, and *raised 75 of them to maturity*. The next hatch came off May 30th, and I put 48 chicks in my Adaptable Hover. Of these I raised 45. My last lot of chicks hatched three weeks later. I *gave these to hens*. Out of a lot of 60 chicks, 20 were lost, 9 being taken by hawks. This is no fairy story, but straight facts, and speaks well for your Adaptable Brooding device, because previous to last spring I *had not had any experience* in raising chickens, either with hens or by artificial means.

CLARENCE J. CHURCH.

"WE ARE USING TWELVE OF YOUR ADAPTABLE HOVERS"

ADRIAN, MO., May 26, 1913.

Cyphers Incubator Company, Buffalo, N. Y.

At present we are using twelve of your Adaptable Hovers and have been *meeting with excellent success*. We believe they have no equal, especially as regards their self-regulating and self-ventilating features. Our chicks *grow like weeds* when entrusted to these hovers and we expect to send an order for *eight more* in a few days.

BROWNING BROS.

"AS MANY AS 200 CHICKS IN ONE HOVER"

ORRICK, MO., January 30, 1913.

Cyphers Incubator Company, Buffalo, N. Y.

We use your Adaptable Hovers for brooding and have *found nothing else to equal them*. You recommend 50 to 75 chicks in this hover, yet on a number of occasions we have brooded *as many as 200 chicks in one hover*. In doing this we kept the temperature some five to ten degrees warmer than you recommend. This causes the chicks to get out around the edges of the hover and *this accommodates more of them*. We have had the best of results in using the hover this way. Probably it would not be a safe method early in the season during really cold weather, but it *works all right as the season advances* and the chicks need only a moderate amount of artificial heat.

THOMAS COCHRAN.

"THEY ARE NEARLY FULL-GROWN NOW"

GLENDON, ME., May 14, 1913.

Cyphers Incubator Company, Buffalo, N. Y.

I am glad to say that the Adaptable Hover I bought of you has given the best of satisfaction. *Previous to this year* my choice of incubators and brooders *had been the hen*, but this season I purchased a hundred day-old chicks (hatched in a Cyphers machine), *50 of which I gave to hens* and the remaining fifty I placed under my Adaptable Hover. They are nearly full-grown now and all have done nicely, but the brooder chicks show the best development and *really are the best chicks*. I shall want some more hovers next season. Personal experience has taught me their value, *also their convenience*, as compared with the hen method.

ROY PLAISTED.

CYPHERS STYLE H OUTDOOR BROODER, IN USE WITH CYPHERS 6 x 3-FOOT CHICK SHELTER

Here is a Combination That Cannot Be Exceeded for Raising Chicks in Health and Safety—A Method By Which the Chicks Are Under Complete Control and Entirely Safe from Rain, Chilling Winds, Wet Grass, Cats, Rats, Etc. See "Best Methods of Brooding," for Various Styles of Home-Made Chick Runs or "Shelters."

"RAN EIGHTEEN ADAPTABLE HOVERS"

SEWELL, N. J., July 21, 1913.

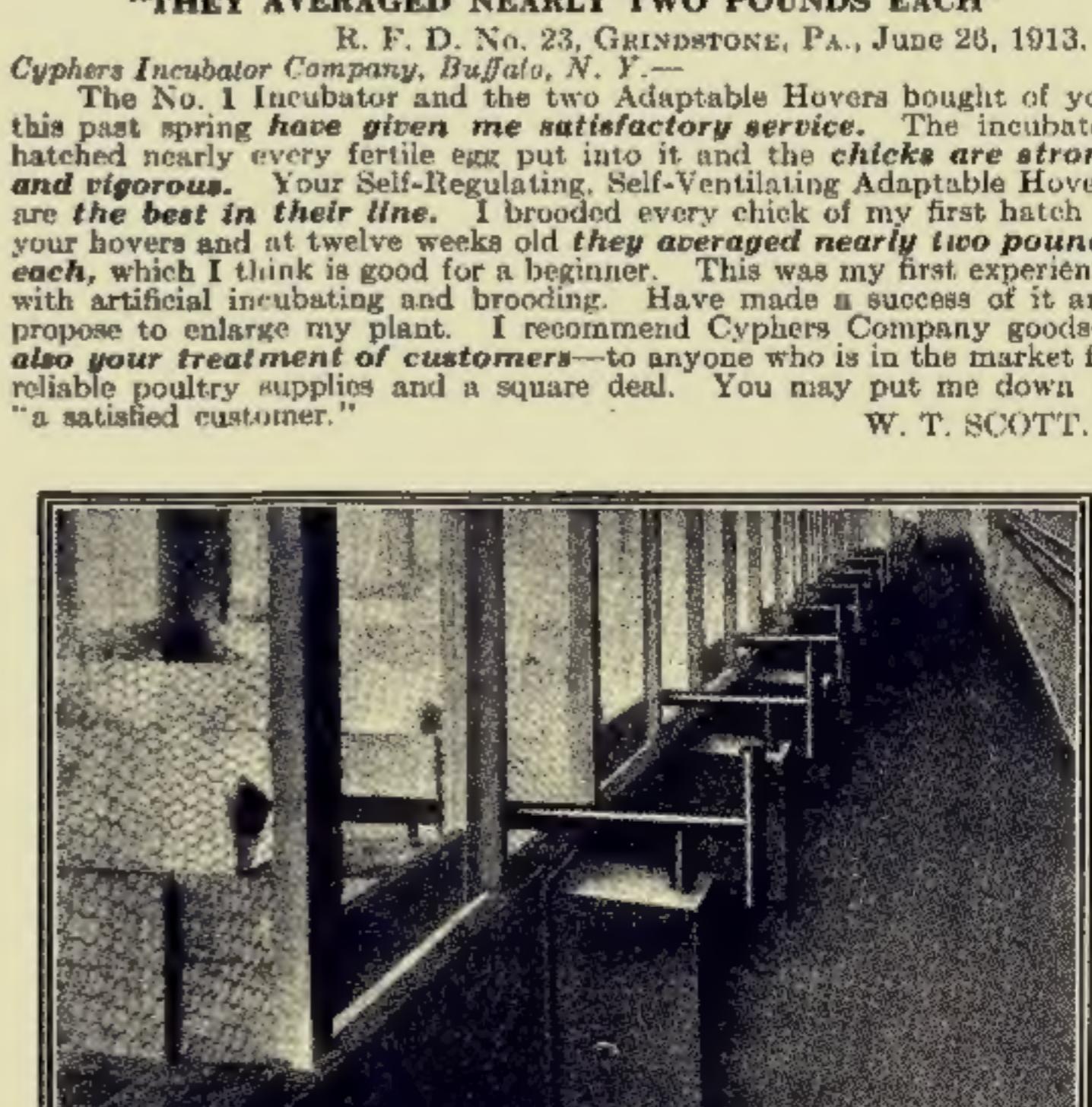
Cyphers Incubator Company, Buffalo, N. Y.

This past season I ran eighteen Adaptable Hovers, and when zero weather was with us my chicks in 6×10 colony coops did fine, the *death rate being very small*. I used three hovers in each house upon a six-inch raised platform (six inches above the floor) and three feet wide. By this method we produced *hundreds of fine chicks* and the pullets are now laying. Some are only four months old, but they lay early when raised right. I have found that chicks hatched in your Standard lamp-heated incubators *live much better* than do those hatched in another make of machine we are operating. Experience has proved to us that the Standard Cyphers lamp-heated machines give us the best hatches and that the chicks *live better, grow faster and are worth more*.

BELL'S LAKE POULTRY FARM,

Geo. A. Libhart, Supt.

W. T. SCOTT.



INDIVIDUAL BROODING IN BROODER HOUSE

View (From Photograph) of Fireproof Heaters and Standard Adaptable Hovers in Use in Brooder House on Cyphers Company Poultry Farm, Buffalo, N. Y. Many of Our Customers Have Adopted This Plan of "Wholesale" Brooding. With Great Success. By Use of This System, One Brooding Device, or Two, or a Dozen, Can Be Started When Needed, Thus Avoiding Waste of Fuel.

\$8.50 PRICE OF CYPHERS COMPANY'S ADAPTABLE HOVER

THIS IS THE PRICE of the Cyphers Company All-Metal, Self-Regulating, Self-Ventilating ADAPTABLE HOVER, everything complete, f. o. b. Buffalo, Boston, New York City, Chicago and Kansas City. Price, f. o. b. Oakland, Cal., \$9.50. Each hover, safely boxed for shipment, weighs 40 lbs., and can be shipped by express to many points at a low rate. This is especially true since the BIG REDUCTION in express rates, which became effective February 1, 1914.

WITH EACH HOVER at price named we furnish the zinc and steel thermostat and a complete regulating device, the same as is used on Standard Cyphers Incubators, a tested, wood-mounted brooder thermometer, and a seamless-bottom lamp equipped with exactly the same style and grade of burner and guide ring we supply with our Standard Incubators. In other words, everything connected with this popular-priced BROODING HOVER is strictly first class, and we warrant it to last TEN YEARS and give good satisfaction, with reasonable care and precaution. TRY ONE OF THESE HOVERS and you will be convinced that it is the safest and most satisfactory brooding device for little chicks ever invented and placed on sale.

Seven Places of Business The fact that we have seven places of business (six in the United States) from which these hovers can be purchased, means an IMPORTANT SAVING IN TIME AND TRANSPORTATION CHARGES to our valued customers. In your own best interests BE SURE to send orders to our branch house NEAREST TO THE RAILROAD STATION to which you wish to have all shipments made.

CYPHERS INCUBATOR COMPANY

Factory and Home Offices: BUFFALO, N. Y.

Branch Stores and Warehouses:

NEW YORK, N. Y. BOSTON, MASS. 41 Barclay St.

CHICAGO, ILL. 12-14 Canal St.

KANSAS CITY, MO. 329-331 Plymouth Court

317-319 Southwest Boulevard

OAKLAND, CAL. 2127 Broadway

LONDON, ENGL. 121-123 Finsbury Pave.